

L 18063-63

ACCESSION NR: AT3002553

where $p_j(x,y)$ plays the role of the coefficient A_j . Thus the cubic formula has the form

$$\iint_D f(x,y) dx dy = \sum_{j=1}^n c_j p_j(x,y) f(x,y) ds. \quad (3)$$

In the case of the triple integral in D , the role of the nodes M_j must be played by surfaces C_j in D , and the cubic formula has the form

$$\iiint_D f(x,y,z) dx dy dz = \sum_{j=1}^n c_j p_j(x,y,z) f(x,y,z) dS. \quad (4)$$

The author constructs cubic formulas of highest algebraic degree of accuracy of form (3) and (4) for the case of the circle and the sphere. For them he also constructs formulas of highest algebraic degree of accuracy of mixed form: for the quadrature sum consisting of curvilinear (surface) integrals he adds the summand $Af(M)$, where A is a constant and M is the center of the circle (sphere). From these formulas one can obtain cubic formulas of general type, in particular those of Kantorovitch (Ob osobykh priyemakh chislennogo integrirovaniya chetnykh

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0
i nechetny*kh funktsiy. Trudy* MIAN im. V. A. Steklova, t. XXVIII, 1949, str. 3-25) and Lyusternik (Nekotory*ye kubaturny*ye formuly* dlya dvukratny*kh integralov. DAN SSSR, t. 62, No. 4, 1948, str. 449-452) for the circle, and Ditkin (O nekotory*kh priblizhenny*kh formulakh dlya vy*chisleniya trekhkratny*kh integralov DAN SSSR, t. 62, No. 4, 1948, str. 445-447) for the sphere. Orig. art. has: 37 formulas.

SUBMITTED: 00

DATE ACQ: 28Jun63

ENCL: 00

SUB CODE: MM

NO REF SOV: 005

OTHER: 000

Card 3/3

MYSOVSKIKH, I.P.

Determining the error involved in the numerical solution
to a nonlinear integral equation. Dokl. AN SSSR 153 no.1:
30-33 N '63. (MIRA 17:1)

1. Leningradskiy gosudarstvennyy universitet im. A.A.
Zhdanova. Predstavleno akademikom V.I. Smirnovym.

ACCESSION NR: AP4011999

S/0208/64/004/001/0003/0014

AUTHOR: My*sovskikh, I. P. (Leningrad)

TITLE: On derivation of cubature formulae in simple domains

SOURCE: Zhurnal vy*chisl. matem. i matem. fiz., v. 4, no. 1, 1964, 3-14

TOPIC TAGS: cubature formula, integration, node, lower bound, circular domain

ABSTRACT: Cubature formulae have been constructed for simple integration domains, exact up to polynomials of degree m , having a smaller number of nodes than any previously known expression for cubature. The cubature formulae discussed are for an n -tuple integration in domain D in n -dimensional space given by

$$\int_D f(x) dx \approx \sum_{j=1}^N C_j f(x^{(j)}),$$

where $x, dx, x^{(j)}$ are nodes and C_j , coefficients. The lower bound for nodes is set by

$$N \geq \frac{(n+k)!}{n! k!}.$$

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ACCESSION NR: AP4011999

The cubature formula for a circular domain D given by the unit circle is rederived, exact to the usual polynomial power $4p-1$, but having only $4(p^2 - p + 1)$ nodes instead of the usual $4p^2$ ($p = 1, 2, \dots$). This is subsequently extended to the square integration domain $-1 \leq x, y \leq 1$. Part of the nodes here are shown to fall outside the domain of integration. Two examples are considered, one for an n -dimensional sphere and one for an n -dimensional cube. Orig. art. has: 50 equations.

ASSOCIATION: none

SUBMITTED: 23Feb63

DATE ACQ: 14Feb64

ENCL: 00

SUB CODE: MM

NO REF SOV: 005

OTHER: 005

Card 2/2

ACCESSION NR: AP4039568

S/0199/64/005/003/0721/0723

AUTHOR: My*sovskikh, I. P.

TITLE: Cubic formulas for computing integrals over the surface of a sphere

SOURCE: Sibirskiy matematicheskiy zhurnal, v. 5, no. 3, 1964, 721-723

TOPIC TAGS: spherical surface, spherical integration, cubic formula, surface integral

ABSTRACT: The author obtains cubic formulas for computing the surface integral

$$I = \int_S f(x) dS, \quad (1)$$

where S is the surface of the unit n-dimensional sphere. Other authors have previously considered this problem for the three-dimensional case. Using the spherical coordinate transformations

$$x_1 = \cos \varphi_1,$$

$$x_2 = \sin \varphi_1 \cos \varphi_2,$$

$$\dots$$

$$x_{n-2} = \sin \varphi_1 \sin \varphi_2 \dots \sin \varphi_{n-2} \cos \varphi_{n-1},$$

$$x_{n-1} = \sin \varphi_1 \sin \varphi_2 \dots \sin \varphi_{n-2} \sin \varphi_{n-1} \cos \varphi_{n-1},$$

$$x_n = \sin \varphi_1 \sin \varphi_2 \dots \sin \varphi_{n-2} \sin \varphi_{n-1} \sin \varphi_{n-1},$$

$$0 < \varphi_i < \pi, i = 1, 2, \dots, n-2; 0 < \varphi_{n-1} < 2\pi,$$

(2)

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ACCESSION NR: AP4039568

the above surface integral can be written as

(3)

$$I = \int_0^\pi \dots \int_0^\pi \int_0^\pi f(x) \sin^{n-1} \varphi_1 \sin^{n-2} \varphi_2 \dots \sin \varphi_{n-1} d\varphi_1 \dots d\varphi_{n-1} dx.$$

If $f(x)$ is a polynomial of degree no higher than m , the integrand in (3) is a trigonometric polynomial of degree no higher than m in the variable φ_{n-1} . Using the known properties of trigonometric polynomials and their integrals, the author derives a cubic formula for integral (1). The author presented a brief proof of this cubic formula in an earlier paper in which it played a subsidiary role. Orig. art. has: 12 formulas.

ASSOCIATION: None

SUBMITTED: 21Jan63

DATE ACQ: 18Jun64

ENCL: 00

SUB CODE: MA

NO REF SOV: 003

OTHER: 000

2/2

Card

MYSOVSKI KH, I.P.; NATANSON, I.P. [deceased]

Sergei Mikhailovich Lozinskii; 1914 - ; on his 50th birthday.
Usp. mat. nauk 19 no.6:207-212 N-D '64 (MIRA 18:2)

MYSOVSKIKH, I.P.

A partial case of quadrature formulae containing prescribed
singular points. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no.4:
125-127 '64. (MIRA 18:3)

L 09452-67

ACC NR: AT6024065

where $K_{ij} = K(t_i, t_j)$. Estimates are obtained for the divergence of the eigenvalues of matrix L from those of the kernel K , where the eigenvalues of the kernel are understood to be the values of the parameter χ for which the homogeneous integral equation has non-zero solutions. These estimates represent an improvement over preceding estimates. Orig. art. has: 60 formulas.

SUB CODE: 12/ SUBM DATE: 11Jun63/ ORIG REF: 003/ OTH REF: 003

Cord 2/2

MYSOVSKIY, V. S. (Aspirant)

"An Investigation of Magnetic Methods of Regulating the Structure of Wrought-Iron Castings." Cand Tech Sci, Moscow Automotive Mechanics Inst, 11 Dec 54. (VM, 2 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: SUM No. 556, 24 Jun 55

AUTHOR: Mysovskiy, V.S.

SOV/128-58-11-5/24

TITLE: Problems of Complex Automation in the Preparation of Moulding Sand (Voprosy kompleksnoy avtomatizatsii smeseprigotovleniya)

PERIODICAL: Liteynoye proizvodstvo, 1958, Nr 11, pp 9-10 (USSR)

ABSTRACT: To improve the automation of existing moulding sand mixers, the usual electric-motor time relays are being replaced by electro-mechanical or electronic time relays. The following devices are described and illustrated: 1) An electronic time relay operating on the principle of a relaxation oscillator; 2) automatic humidity control devices (type "ARV" and "ARV-6") and similar devices designed by H. Dietert. On the basis of experiments at ZIL and GAZ, improved designs of automatic mixers were developed, including a device for the regeneration of waste mixtures. There are 7 diagrams and 7 references, 5 of which are Soviet and 2 English.

1. Molding materials---Preparation
2. Foundries---Equipment
3. Machines---Control systems
4. Electric relays---Performance
5. Electronic relays---Performance

Card 1/1

Mysovskiy, U.S.

28(11)25(1) PHASE I BOOK EXPLOITATION 509/2831

Mechanizatsiya i avtomatizatsiya proizvodstva i obrabotki metallov (Mechanization and Automation of Labor-Consuming Processes in Foundry Practice) Moscow, Mashiz, 1959. 226 p. 4000 copies printed.

Authors: K. M. Shchepnikov, Candidate of Technical Sciences; Ed. (Title page): G. I. Kobylanskiy (Deceased); Ed. (Inside book): A. M. Sokolov, Candidate of Technical Sciences; Tech. Ed.: O. V. Sprenskaya; Managing Ed. for Literature on the Technology of Machinery Manufacture (Leningrad Division, Mashiz): Ye. P. Maunov, Engineer.

PURPOSE: The book is intended for technical personnel in foundries and engineers engaged in the mechanization and automation of industrial processes. It may also be used by students of institutions of higher technical education.

COVERAGE: The book deals with recent achievements in the mechanization and automation of time- and labor-consuming operations in foundries. Specific instances of mechanization and automation of foundry processes are described. The material presented in this book is divided into six parts, dealing with the following subjects: molding materials, mold and coremaking, casting, shakeout of molds, finishing of castings, and special casting methods. Each part consists of a number of technical papers presented by several authors. The application of automation ranges from the preparation of molds and cores to the mechanization and streamlining of specialized casting methods, such as investment casting and the lost foam process. There are numerous drawings showing mechanized and automated installations in foundries. Most of the material is based on experiments and work done at the "Krasny Aktyr" Plant. Some of the methods described appear to be in the experimental stage at that plant. The technical papers published in this book were originally presented at a technical conference of the Soviet machine industry in October 1957. No personalities are mentioned.

Kril'shteyn, L. M. Production of Sand Molds by Hydraulic Pressing 79

Kiselev, V. A. Mold Making With a Sand Slinger in Steel Foundries 79

Vyselova, A. I. Transport and Distribution of Rapid-Drying Hydroglass Compounds to Tanks 33

Shirnev, P. I. Mechanization of Shell-mold Casting 212

Sprenskiy, O. M. Use of High-Frequency Electric Heating for Bonding Shell Mold Halves 216

Masovskiy, V. S. Overall Automation of Mixing Systems in Foundry Shops 40

Zaytsev, I. B., A. M. Orlovich, and I. S. Gandelarich. Mechanization of Grinding and Extraction Operations to Remove Cores from Planks in Pneumatic Ramming 97

Kramer, M. A. and M. A. Bakhrashev. Quick-change Equipment for Coremaking on Vibrating Molding Machines in Small-lot Production 101

Kril'shteyn, L. M. Mechanization of Mold Transfer from Assembly Line to Conveyor Belt 104

Salichenko, O. S. Automated Lines for Molding and Shakeout in Foundry Shops 47

Peruchikov, Yu. B. Some Problems in the Automation of Charge Composing and Cupola Chirring 106

Mysovskiy, V. S.
25(5)

PHASE I BOOK EXPLOITATION

SOV/2394

Moscow. Dom nauchno-tekhnicheskoy propagandy imeni F.E.
Dzerzhinskogo

Kompleksnaya avtomatizatsiya i mekhanizatsiya v mashinostroyenii;
sbornik statey (Overall Automatization and Mechanization in
Machine Manufacturing; Collection of Articles) Moscow,
Mashgiz, 1959. 312 p. 8,000 copies printed.

Additional Sponsoring Agency: Obshchestvo po rasprostraneniyu
politicheskikh i nauchnykh znaniy RSFSR.

Ed.: A.N. Malov, Candidate of Technical Sciences; Tech. Ed.:
B.I. Model'; Managing Ed. for Literature on Metalworking and
Toolmaking (Mashgiz): R.D. Beyzel'man, Engineer.

PURPOSE: This collection of articles is intended for engineering
and technical personnel of plants manufacturing machines and
instruments.

COVERAGE: This book acquaints industrial workers with devices

Card 1/5

Overall Automatization (Cont.)

SOV/2394

and equipment necessary for the overall mechanization and automatization of technological processes in machine manufacturing. Individual articles deal with general problems of automatization and mechanization of processes in preparatory, machine, and assembly shops, and with problems arising from the introduction of transfer lines. The book also includes examples of devices and equipment tested and used under actual plant conditions. The source of these data was the meeting on overall mechanization and automatization of technological processes held in 1957 by the Moskovskiy Dom nauchno-tekhnicheskoy propagandy imeni F.E. Dzerzhinskogo (Moscow House for Scientific and Technical Propaganda imeni F.E. Dzerzhinskiy). No personalities are mentioned. Several of the articles are followed by references.

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Card 2/5

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Overall Automatization (Cont.)

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- Zakrzhevskiy, V.B. [Engineer]. Automatization of Metalcutting Machine Tools at the Moskovskiy avtomobil'nyy zavod imeni I.A. Likhacheva (Moscow Automobile Plant imeni I.A. Likhachev) 60
- Yakhin, A.B. [Doctor of Technical Sciences, Professor]. Automatic Programming Systems for Metalcutting Machine Tools 92
- Trubnikov, N.V. [Candidate of Technical Sciences]. Programmed Control of Metalcutting Machine Tools 105
- Boltukhin, A.K. [Engineer]. Mechanization and Automatization of Machining Processes on Milling Machines 123
- Khitruk, M.S. [Engineer]. Mechanization and Automatization of Grinding Machines 148

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Overall Automatization (Cont.)

SOV/2394

- Parfenov, O.D. /Engineer/. Self-resetting of Automatic Metal-
cutting Machine Tools 171
- Ryaboy, M.Ya. /Engineer/. Automatization of Assembling Pro-
cesses in Instrument Manufacture 196
- Lyudmirskiy, D.G. /Engineer/. Automatic Lines for Production
of Bearings 213
- Koshkin, L. N. /Candidate of Technical Sciences/. Automatic
Rotary Lines /Rotary Machines/ 231
- Bobrov, V.P. /Candidate of Technical Sciences/. Transfer Systems
of Automatic Lines 246
- Malov, A.N. /Candidate of Technical Sciences/. Modern Designs
of Magazine Loading Devices 268
- Bobrov, V.P. /Candidate of Technical Sciences/. Automatization
and Mechanization of Chip Removal on Metalcutting Machine Tools 296
- Card 4/5

Overall Automatization (Cont.)

SOV/2394

AVAILABLE: Library of Congress

CG/ec

Card 5/5

100-5-59

PHASE I BOOK EXPLOITATION 307/1199

Leningrad. Politehnicheskii Institut

Bovremennyye dostizheniya litseynogo proizvodstva: trudy
Sovetskoy nauchno-tekhnicheskoy konferentsii (Recent
Achievements in Foundry: Transactions of the Scientific
and Technical Conference of Schools of Higher Education).
Moscow: Mashiz, 1970. 336 p. Errata slip inserted.
2,000 copies printed.

Resp. Ed.: Yu. A. Makhmudov, Doctor of Technical Sciences,
Professor; Eds.: N. G. Kirshovich, Doctor of Technical
Sciences, Professor; M. P. Lebedev, Doctor of Technical
Sciences, Professor; Ye. P. Naumov, Engineer; Tech. Ed.:
Ye. A. Diugolanskiy, and L. V. Shcherbinina.

PURPOSE: This book is intended for the technical personnel
of foundries. It may be used by students of the field.

COVERAGE: This collection of articles discusses problems in
foundry processes. Individual articles treat the melting
of metals and their alloys, mechanization and automation
of casting processes, aspects of the manufacture of steel,
cast iron, and nonferrous metal castings. No personalities
are mentioned. References accompany individual articles.

12. Akasov, E. M. Scientific Research Work of the Depart-
ment of Foundry Machinery and Methods of the Moscow
Automechanical Institute 99
13. Ermer, M. A. Achievements in Casting Practice in a
Pitting and Accessories Plant 105
14. Kiselev, V. S. Full Automation of the Centralized
Preparation in Casting Shops 114
15. Poruchikov, Yu. P. Automation of Some Processes in
Foundry 123

III. MELTING OF METALS

16. Matveenko, I. S. Cupola Melting Process With Oxygen
Injection Into the Central Part of the Furnace 128
17. Barilov, A. A. Basic Trends in the Development of the
Cupola Process in Metallurgy 140

Card 4/9

LEVITAN, V.L.; MYSOVSKIY, V.S., kand. tekhn.nauk, retsenzent;
EL'KIND, V.D., tekhn. red.

[Automatic control of founding processes; low-current electric control circuits with contactless and contact elements] Avtomatizatsiia liteinykh protsessov; slabotochnyye elektricheskie skhemy upravleniia s beskontaktnymi i kontaktnymi elementami. Moskva, Mashgiz, 1963. 95 p.
(MIRA 17:2)

SHIRYAYEV, V.I.; TARAN, V.A.; CHERNIN, E.A.; MYSOVSKIY, V.S., dots.
kand. tekhn. nauk, retsenzent

[Principles of automation in foundry practice and the
control and measurement equipment] Osnovy avtomatizatsii
liteinogo proizvodstva i kontrol'no-izmeritel'nye pribory.
Moskva, Mashinostroenie, 1964. 154 p. (MIRA 17:12)

1. Moskovskiy avtomekhanicheskiy institut (for Mysovskiy).

BABENKO, V.A., inzh.; BRYUKHANOV, A.N., kand.tekhn.nauk; VLADIMIROV, M.F., inzh.;
 GERSHMAN, M.S., inzh.; GLUSHKOV, V.N., inzh.; GOLOVNEV, I.F., inzh.;
 GOSTEV, V.I., inzh.; KERKESH, V.V., inzh.; MALIKOV, A.N., inzh.;
 MANSUROV, A.M., inzh.; MARTYNOV, V.N., kand.tekhn.nauk; MYSOZHNIKOV,
V.M., kand.tekhn.nauk; NAVROTSKIY, G.A., kand.tekhn.nauk; RASKIND,
 V.L., inzh.; REBEL'SKIY, A.V., kand.tekhn.nauk; SKVORTSOV, A.A., kand.
 tekhn.nauk; SOKOLOV, I.G., kand.tekhn.nauk; STOROZHEV, M.V., kand.
 tekhn.nauk; FEDOROV, A.F., inzh.; KHRZHANOVSKIY, S.M., prof., doktor
 tekhn.nauk; TSUKERMAN, M.T., inzh.; SHAPOSHNIKOV, D.Ye., inzh.;
 SHEPELYAKOVSKIY, K.Z., kand.tekhn.nauk; SHMYKOV, A.A., doktor tekhn.
 nauk; YAKOVLEV, V.G., inzh.; KIRSANOVA, S.B., inzh., red.; GLINER,
 B.M., inzh., red.isd-va; SOKOLOVA, T.F., tekhn.red.

[Technological handbook on forging and die forging] Tekhnologicheskii
 spravochnik po kovke i ob'emnoi shtampovke. Moskva, Gos.nauchno-tekhn.
 izd-vo mashinostroit.lit-ry, 1959. 966 p. (MIRA 12:4)
 (Forging)

MYSTER, L.A., kandidat geograficheskikh nauk; KOTLYARNSKAYA, P.S., redaktor;
MAKONI, Ye.V., tekhnicheskii redaktor

[Material on basic theories of the frozen areas of the earth's crust]
Materialy k osnovam ucheniya o merzlykh zonakh zemnoi kory. Moskva.
No. 3. 1956. 228 p. (MIRA 9:3)

1. Akademiya nauk SSSR. Institut merslotovedeniya.
(Frozen ground)

MYSTKOWSKA-GORAZDOWSKA, Maria

Complications in 2 cases of duodenal diverticula. Pol. arch.
med. wewnet. 34 no.12:1693-1696 '64.

1. Z Kliniki Gastrologicznej Studium Doskonalenia Lekarzy
Akademii Medycznej w Warszawie (Kierownik: doc. dr. med.
Z. Chojewski).

MYSTKO...SKI, A.

"Electric motors for machine tool drives." p. 74. (Przegląd Elektrotechniczny, Vol. 30, no. 2, Feb 54, Warszawa)

SO: Monthly List of East European Accessions, Vol 3 No 6 Library of Congress Jun 54 Uncl

MYSTKOWSKI, A.

¹⁴
Mystkowski, A. Influence of Driving Machine Speed on Machine-Tool Power Consumption.

²⁹ "Zapotrzebowania mocy obrabarek w zaleznosci od predkosci obrotowej silnika napędowego", Przegląd Mechaniczny, No. 6, 1950, pp. 273-278, 4 figs.

The problem here considered is that of non-graded speed control of machine tools in connection with analyses of the relation between the power available in the driving machine and its speed, and of the power available in a machine tool at some constant speed. In order to compute this maximum useful power, the ultimate strength of the cutting tool is first assumed. The use in machine-tools of driving machines with a wide range of controlled speeds inevitably leads to uneconomical solutions of the drive (a large (x)ally motor with low efficiency). Consequently, the control of the driving machine speed when the power supply is constant should not exceed the range of 1:3 to 1:4 (taking into account a motor somewhat more powerful than is indicated by the results of analyses). In choosing such a drive, the minimum speed of the spindle must be determined at a level above which the cutting power does not rise in parallel with speed, i.e. above the point at which permissible stresses on the tool are determined not by strength resulting from design but by blunting the cutting edge. The range of spindle speeds from the boundary speed, as defined above, to top speed must be divided into zones graded geometrically -- the exponent being 3 to 4. Spindle speeds below the boundary point are then obtained by regulating the drive speed at the constant moment of the lowest mechanical speed grade. Speeds controlled without grade over ranges greater than 1:4 can be justified only for the drive of table planing machines. From the point of view of work output, motor speeds regulated over a wide range are the most advantageous for the feed drive, and consequently the choice of feed drive designs should be limited only by costs and operating convenience.

MYSTOWSKI, A. ; WINIARSKI, B. ; ZIELINSKI, R.

Numerical control of machine tools. p.490.

MECHANIK. (Stowarzyszenie Inzynierow i Technikow Mechanikow Polskich)
Warszawa, Poland, Vol.32, no.9, Sept. 1959.

Monthly list of East European Accession. (EEAI) LC, Vol.9, no.1, Jan.1960

Uncl.

MYSTKOWSKI, A.

Electric equipment of machine tools. p.515.

MECHANIK. (Stowarzyszenie Inzynierow i Technikow Mechanikow Polskich)
Warszawa, Poland. Vol.32, No.9, Sept. 1959.

Monthly list of East European Accession (EEAI) LC, Vol.9, no.1, Jan.1960.

Uncl.

MYSTKOWSKI, Andrzej, mgr. inż.

Numerical programming control of machine tools, its variations and advantages achieved. Przegl mech 20 no.18:543-547 S '61.

1. Instytut Elektrotechniki, Warszawa.

MYSTKOWSKI, A., mł inż.

The starter coupling as a means for automation of the operational cycle. Przegl mech 21 no.11:350-351. 10 Je '62.

MYSTKOWSKI, Andrzej, mgr inż.

"Program steering of machine tools" by [mgr inż.] Maciej
Szafarczyk. Reviewed by Andrzej Mystkowski. Przegl mech 22
no.14:456 25 J1 '63.

MYSTKOWSKI, Andrzej, mgr inż.

Mathematical methods of analysis and synthesis of on-off control systems. Mechanik 37 no.4:188-192 '64.

1. Institute of Electrical Engineering, Warsaw.

MYSTKOWSKI, Andrzej, mgr inż.

Mathematical analyzing and synthesizing methods of on-air
control systems. Mechanik 37 no.6:310-316 1964.

1. Institute of Electrical Engineering, Warsaw.

WIRBILIS, Stanislaw, mgr inz.; KUS, Andrzej, mgr inz.; WYBICKI, Andrzej,
mgr inz.

review of the technical press. Info. Sect. 11. 11. 11. 11.
25 F '65.

STRANDED, S.I., MISH, T.I.

chromatography of the sample. The results of the analysis are given in Table 1.

1. The propylated sample was found to contain the following compounds:

VOLKOV, P.I., inzhener; MYSYUTIN, D.K., inzhener.

The achievements of leaders of socialist competition. Transp.stroi.
6 no.2:17-18 F '56. (MLRA 9:6)
(Road construction) (Railroads--Construction)

MYSYUTIN, D.K.

VOLKOV, P.I., inzh.; MYSYUTIN, D.K., inzh.

Socialist obligations of construction workers in the transportation
industry. Transp.stroi. 7 no.5:1-2 My '57. (MIRA 10:11)
(Transportation) (Construction industry)

MYSYUTIN, D K

VOLKOV, P.I., inzh.; MYSYUTIN, D.K., inzh.

Success of socialist competition among construction workers in
the transportation industry is increasing greatly. Transp.stroi.

7 no.10:8-11 0 '57.

(MIRA 10:12)

(Transportation) (Construction industry)

MYSYUTIN, D.K.

For new achievements in socialist competition. Transp. atrol. 8
no. 5:12-15 My '58. (MIRA 11:7)

1. Starshiy inzhener otdele truda i zarabotnoy platy Mintransstroya.
(Socialist competition)

BEREZHNOY, Yu.N. Primali uchastiye: PODCHUFAROV, I.I.; KOTSEN, Ye.G.;
MYSYUTIN, D.K.; DOBSHITS, M.L., otv. za vypusk; GUSEV, K.M.,
tekhn. red.

[Through forests, swamps, and mountains] Skvoz' lesa, bolota, gory;
sbornik o molodykh stroitel'nykh transporta. Moskva, Orgtransstroim,
1961. 177 p. (MIRA 14:11)

1. Russia (1923- U.S.S.R.) Ministerstvo transportnogo stroitel'stva.
(Road construction) (Railroads—Construction)

VOLKOV, P.I.; MYSYUTIN, D.K.; DOBSHITS, M.L., red.; SHTEYN, I.V., red.;
GUSEV, K.M., tekhn. red.

[Beacons of transportation construction; a collection of sketches of communist labor brigades at transportation construction projects] Maiaki transportnogo stroitel'stva; sbornik ocherkov o brigadakh kommunisticheskogo truda na transportnykh stroikakh. Moskva, Orgtransstroï, 1961. 270 p.
(MIRA 15:2)

(Construction workers)

MYSYUTIN, D.

Struggling for a high title. Avt.dor. 25 no.11:4 N '62.

(MIRA 15:12)

(Road construction)

VOLKOV, P.I.; MYSYUTIN, D.K., starshiy inzh.

Advanced mechanics employed in the construction of means of
transportation. Trans. stroi. 13 no.8:6-11 Ag '63.
(MIRA 17:2)

1. Nachal'nik Otdela truda i zarabotnoy platy Gosudarst-
vennogo komiteta Tsentral'nogo komiteta professional'nykh
soyuzov rabochikh zheleznodorozhnogo transporta rabotnikov
svyazi, rabochikh avtomobil'nogo transporta i shosseynykh
dorog (for Volkov).

MYSYUTSKINA, M.V., kandidat sel'skokhozyaystvennykh nauk; SAVELOVA, K.A.,
kandidat sel'skokhozyaystvennykh nauk.

Changes in the chemical composition of the body and increase in
weight of Kholmogory heifers as influenced by age and type of
feeding. Trudy VNIIEK 3:24-34 '56. (MLBA 10:4)
(Calves--Feeding and feeding stuffs)

MYSTUFKINA, M.V., kandidat sel'skokhozyaystvennykh nauk; **SAVELOVA, K.A.**

Substance and energy metabolism in Kholmogory heifers as influenced
by age and type of feeding. Trudy VNIIN 3:71-110 '56.
(Cows-Feeding and feeding stuffs) (Metabolism) (MLBA 10:4)

118-75130-4011
MYSYUTKINA, M.V., kandidat sel'skokhozyaystvennykh nauk; SAVELOVA, K.A.

Protein-vitamin paste is a valuable calf feed. Trudy VNIIEK 3:279-
299 '56. (MLBA 10:4)

(Calves--Feeding and feeding stuffs)

MYSYUTKINA, V.M., kand.sel'skokhozyaystvennykh nauk; DUSHENKOVA, L.I.,
mladshiy nauchnyy sotrudnik

New constants for determining the caloric value of milk. (MIRA 16:5)
Zhivotnovodstvo 22 no.7:82 '60.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhivotnovodstva.
(Milk—Analysis and examination)

MYSZCZYSZYN, CZESLAW

POLAND/Chemical Technology - Chemical Products and Their
Application. Ceramics. Glass. Binders. Concrete.

H-13

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, 8697

Author : Barabas Andrzej, Myszczyzyn Czeslaw

Inst : -

Title : Effect of Addition of Coal Shale on Ceramic Properties of
Plastic Clayey Raw Materials.

Orig Pub : Mater. budowl., 1957, 12, No 8, 247-251

Abstract : In the mining of coal from the Chwalowice and Concordia
mines (Polish People's Republic) there are obtained, as a
byproduct, considerable amounts of coal shale (CS) having
a heating value of 1793 and 434 kcal/kg (respectively).
Laboratory and production scale experiments were carried
out on adding 20-60% CS to two varieties of plastic brick
clay, for the purpose of decreasing their sensitivity to
drying and at the same time reducing fuel expenditure for
firing of the brick by utilization of the combustible

Card 1/2

MYSZKA, J.

TECHNOLOGY

PERIODICAL: PRZGLAD GEOLOGICZNY. Vol. 6, no. 3, Mar. 1953.

MYSZKA, J. A conglomerate from a borehole in Batowice. p. 129.

Monthly List of East European Accessions (EEAI) LC Vol. 3, no. 4
April 1959, Unclass.

MYSZKA, Jozef

Observations on the water-bearing formation of the Jurassic in the
Batowice region on the basis of deep drillings. Przegl geol 9 no.4:
217-218 '61. (EEAI 10:9)

1. Akademia Gorniczo-Hutnicza.

(Water) (Boving)

MYSZKIEWICZ, Z.

From a journey of the Director of the State Hydrologic and Meteorologic
Institute in Switzerland. p.8. GAZETA OBSERWATORA. Warszawa.
Vol. 8, no. 6, June 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

HOROWSKA, Halina; MYSZKOROWSKA, Hanna; PASZEK, Teresa

Pharmacological evaluation of the usefulness of some ointment bases. Acta pol. pharm. 20 no.2:205-210 '63.

1. Z Zakładu Farmakologii Instytutu Farmaceutycznego w Warszawie
Kierownik: Mgr S. Biele.

(OINTMENTS) (VEHICLES) (POTASSIUM)
(IODIDES) (SODIUM SALICYLATE)
(SALICYLIC ACID) (PHENYLPHTHALEINS)
(HYDROCORTISONE, TOPICAL) (NICOTINE)
(ATROPINE) (PHARMACOLOGY)

S/081/62/000/024/047/052

B134/B102

AUTHORS: Sopiela, Wacław; Myszkorowski, Tadeusz; Osiński, Witold;
Jabłoski, Henryk

TITLE: Method for strengthening of casein fiber

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24(II), 1962, 957,
abstract 24P1059 (Polish pat., no. 45355, February 14, 1962)

TEXT: The freshly-shaped fiber is first treated in a bath containing ammonium salts and then in a formalin bath. The fiber-strengthening method is characterized by the following stages: the shaped fiber is treated in free position in a bath containing 90-110 g/l $\text{Al}_2(\text{SO}_4)_3$ for 8-10 min at 60-65°C; then it is stretched at 20-30°C for 25-35 sec in a formalin bath containing 30-32 g/l formaldehyde, 25-40 g/l $\text{Al}_2(\text{SO}_4)_3$, 120-150 g/l Na_2SO_4 , 30-40 g/l NaCl, and 10-15 g/l H_2SO_4 . After this, the fiber is treated in the same bath in free position for 1 hr, and finally also in free position at 60-70°C for 30-60 min in a bath

Card 1/2

Method for strengthening of ...

S/081/62/000/024/047/052
B134/B102

containing 30-35 g/l formaldehyde, 20-25 g/l $\text{Al}_2(\text{SO}_4)_3$, 150-170 g/l Na_2SO_4 , 30-40 g/l NaCl, and 100-105 g/l H_2SO_4 . The further treatment of the fiber (washing, dressing, and drying) is carried out by the standard methods. The fiber obtained shows an increased resistance to hot water. The fiber left in water at 80°C for 1 hr does not lose its fibrous character. [Abstracter's note: Complete translation.]

Card 2/2

MYSZKOWIEC, S.

"periodical inspection of tractors" p.15 (MECHANIZATOR ROLNICTWA, Vol. 2, no.2, Febr.
1953. Warszawa, Poland)

SO: Monthly List of East European Accessions, Vol. 2, #2, Library of Congress
August, 1953, Uncl.

MYSZKOWIEC, S.

"Work of aggregated machines inttwo shifts." p. 21 (MECHANIZATOR ROLNICTWA, Vol. 2
no.3, March 1953, Warsaw, Poland)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress
August 1953, Uncl.

MYSZKOWIEC, S.

"A KM-7 weeding implement attached to a tractor." p. 22 (MECHANIZATOR ROLNICTWA,
Vol. 2, no. 3, March 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, Vol. 2, #2, Library of Congress
August, 1953, Uncl.

MYSZKOWSKA, K.

Production of reducing preparations from whey, fruit juices, and sugar solutions, and their application in food technology. E. Mjanowski, J. Strauch, K. Myszkowska, and S. Deptula (*Bull. Acad. Polon. Sci., Cl. II*, 1983, 1, 79-82).—Strong reducing agents can be produced in solutions of rennet whey, apple and strawberry juices, and pure invert sugar, by treating 10–200 ml. portions with 20% NaOH (1 g. hexose requires 0.4 g. of NaOH) at 85–90° for 10–15 min. Addition of 0.1–0.2% "reductore," obtained from 60% invert sugar solution, shows good antioxidant properties when added to butter, with little change in flavour. Poor results were obtained in fruit juices and dried fruit, and when the product was used as a bactericidal agent.

G. R. WHALLEY.

MYSZKOWSKA, K.

✓ Production of reducing preparations from whey, fruit juices, and sugar solutions and their application in food technology. B. Pijanowski, J. Strauch, K. Myszkowska, and S. Deptula (Zaklad Technol. Zywnosci SGGW, Warsaw). *Przemysl Spozyciwy* 7, 310-23 (1963). -- Heating for 10-15 min. at temps. of 85-90° and strict control of the amt. of alkali resulted in the highest reducing powers for the neutralized preps. About 0.4 g. of NaOH was required for each g. of hexose. The various preps. obtained (pure whey, whey plus sugar, apple or strawberry juices alone or with sugar, lactose and invert sugar solns.) showed reducing powers of 5-10 ml. of 0.1N I/10 sol., the highest value corresponding to 60% invert-sugar solns. The oxidation-reduction potentials were slightly neg. at pH 5-6. Heating of the sugars with alkali emolized 11-12% of the total amt. of treated sugars (as shown by the direct titration). About 75% of the added alkali was bound to the acids formed during heating, and the equiv. of 15% of the bound alkali is recovered in the form of the salts of acetic and formic acids. Good preps. showed a strong and permanent anti-oxidative action when added to butter either during the churning, or even better, in the proportion of 0.1-0.2% to the cream just before churning. At this concn., the rather unpleasant odor and resinous flavor of the preps. was not evident, while the butterfat was prevented from peroxide formation. Higher concns. more effectively checked peroxide formation and development of "oiliness". Expts. with the preps. as antioxidants in fruit technology and as preservatives gave neg. results. (W. Szymbalski)

MYSZKOWSKA, K.

3005

637.131 ; 663.813

Pijanowski E., Strauch J., Myszkowska K., Deptula S. The Production of Reducing Preparations from Whey, Fruit Juice and Sugar, and Application in Food Technology.

"Otrzymywanie preparatów redukujących z serwatki, soków owocowych i cukru oraz ich praktyczne zastosowanie w przemyśle spożywczym", Przemysł Rolny i Spożywczy. No. 9, 1953, pp. 316-328, 34 figs., 7 tabs.

Optimum conditions were determined for the preparation of reducing substances from whey, fruit juices and pure sugar solutions. It was observed that the best results were obtained with a temperature of around 85°C, a heating time of 10-15 minutes, and using 0.4 grams of NaOH per gram of sugar (invert). The following determinations were made in the substances obtained: 1) reducing capacity, by volumetric analysis with a n/10 solution of iodine; 2) oxide-reducing potential; 3) pH; 4) reducing capacity in the presence of various copper reagents; 5) total and volatile acidity. The results obtained are presented graphically. Under practical applications the substances showed a strong and permanent antioxidative action in butter. Against lactic acid bacteria, yeast and mould, however, they show a checking action.

MYSZKOWSKA, K.

POL. 1

2216

677.76.44.3 : 643.361

Tuszynska S., Myszkowska K., Wdowiak W., Lewandowska K. Determination of Folic Acid by the Use of *Streptococcus Faecalis* R.

„Oznaczanie kwasu foliowego przy pomocy *Streptococcus Faecalis* R”. *Przemysł Chemiczny*. No. 2, 1954, pp. 93-96, 1 fig., 1 tab.

A method is described of determining pteroylglutamic acid by using *Streptococcus Faecalis* R. It was found possible to simplify the growth medium by removing from its composition the basic nutrient, the liver extract and folic acid. Optimum concentration of the strain was established. A method is explained of obtaining casein hydrolysate free from vitamins which can be used for microbiological determination of folic acid, as well as for determining other vitamins of group B. This method simplifies investigation and increases the accuracy of determination.

3

MYSZKOWSKA, K.

5683

577.16 B₆

Tuszyńska S., Myszkowska K., Woźniak W., Lewandowska K. *Microbiological Method of Determining Vitamin B₆ in Multivitamin Preparations.* *CH*

"Mikrobiologiczna metoda oznaczania witaminy B₆ w preparatach wielowitaminowych". *Przemysł Chemiczny*, No. 11, 1954, pp. 577-578, 1 fig., 1 tab.

A microbiological method of determining vitamin B₆ complex in multivitamin preparations, using *Saccharomyces carlsbergensis* 4228 on the basis of the Alfrin test. How to prepare casein hydrolysate free of vita-

min B₆ using ultraviolet rays is described together with optimal concentration of strain dispersion and the technique of homogeneous inoculation. As a means of saturating with oxygen, uniform shaking of samples was performed at constant temperature. This method makes it possible to determine the vitamin B₆ in multivitamin preparations containing large quantities of vitamin B₆ (thiamine).

(3)

LILSZKOWSKA, K.

TUSZYNSKA, St; MYSZKOWSKA, K; WOZNIAK, W; LEWANDOWSKA, K.

Effect of vitamin P on capillary resistance in vitamin C deficiency in guinea pigs. Acta physiol.polon. 6 no.1:99 106 1955.

1. Z Zakladu Badania Organopreparatow i Witamin. Kierownik:
mgr. I. Iwanowska, Instytutu Lekow w Warszawie. Dyrektor:
prof. dr P. Kubikowski.

(CAPILLARIES,

resist., eff. of vitamin P on in exper. scurvy)

(VITAMIN P. effects,

on capillary resist. in exper. scurvy)

(SCURVY, experimental,

eff. of vitamin P on capillary resist. in)

WYKONANIE, KRYSTYNA

Microbiological determination of biotin in drugs and natural materials by means of *Lactobacillus arabinosus*. Stanisława Tużyńska, Krystyna Myszkowska, Wanda Woźniak, and Krystyna Lewandowska. Inst. Leków, Warsaw. *Chem. Abstr.* (Warsaw) 1, 93-8 (1956) (English summary). Based on Wright and Skeggs' investigations (C.A. 38, 6240), a microbial method has been developed for the detn. of biotin in therapeutic drugs and natural materials by means of *L. arabinosus*. A. Kępcowski

1179 246003811 K.
TUSZYNSKA, ST.; MYSZKOWSKA, K.; WOZNIAK, W.; TAUTT, J.; LEWANDOWSKA, K.

Effect of sulfoguanidine on degree and order of inhibition of synthesis of digestive thiamine, ryboflavin and nicotinic acid amide in rat. Acta physiol. polon. 8 no.3:556-557 1957.

1. Z Zakladu Badania Organopreparatow i Witamin Instytutu Lekow w Warszawie
Dyrektor: prof. dr P. Kubikowski.

(VITAMIN B COMPLEX, metabolism,

eff. of sulfoguanidine in rats (Pol))

(AMIDINES, effects,

sulfoguanidine on vitamin B complex metab. in rats (Pol))

TUSZYNSKA, S.; MYSZKOWSKA, K.; WOZNIAK, W.; TAUTT, J.; LEWANDOWSKA, K.

Effect of sulfoguanidine on the degree and order of inhibition of digestive synthesis of thiamine, riboflavin and nicotinic acid amide in rats. Acta physiol. polon. 8 no.4:727-737 1957.

1. Z Zakladu Badania Organopreparatow i Witamin Instytutu Lekow w Warszawie. Dyrektor Instytut: prof. dr P. Kubikowski.

(VITAMIN B COMPLEX, metabolism,
eff. of sulfoguanidine (Pol))

(AMINES, effect,

sulfoguanidine on vitamin B complex metab. (Pol))

TUSZYNSKA, S., MYSZKOWSKA, K., WOZNIAK, W. TAUTT, J.

Effect of chloramphenicol on the course of visceral synthesis of vitamin B complex in rats. Acta physiol polon. 9 no.2:271-277 1958

1. Z Instytutu Lekow w Warszawie. Dyrektor: prof. P. Kubikowski.
(VITAMIN B COMPLEX, metabolism,
synthesis, eff. of chloramphenicol, in rats (Pol))
(CHLORAMPHENICOL, effects,
on vitamin B complex synthesis (Pol))

MYSZKOWSKA, Krystyna; TAUTT, Jadwiga; TUSZYNSKA, Stanislaw; WOZNIAK, Wanda

Determination of the vitamin-B group in yeast by microbiological
methods. Chem anal 5 no.3:471-475 '60. (EEAI 10:8)

1. Zaklad Badania Organopreparatow i Witamin Instytutu Lekow,
Warszawa. Dyrektor Instytutu: prof. dr. P. Kubikowski.
(Vitamin B) (Yeast)

MYSZKOWSKA, Krystyna

Determination of some B group vitamins in milk by microbiological methods. Chem anal 5 no.4:637-643 '60.
(EEAI 10:9)

1. Department of Hormones and Vitamins, Institute of Drugs, Warszawa,
Head of Institute: Prof. Dr. P. Kubikowski. Head of Department: mgr.
J. Iwanowska.

(Vitamin B) (Milk)

MYSZKOWSKA, Krystyna

Studies on ACTH preparations with the method of paper electrophoresis.
Acta pol. pharm. 19 no.2:163-166 '62.

1. Z Zakladu Biochemii Instytutu Lekow Kierownik: mgr J. Iwanowska.
(CORTICOTROPIN chem) (ELECTROPHORESIS)

MYSZKOWSKA, Krystyna

The effect of pantothenic acid and phenyl pantothenate upon certain metabolic changes. Acta physiol. Pol. 15 no.2:279-291 Mr-Apr '64.

1. Zakład Biochemii Instytutu Łoż w Warszawie (Kl. rouniki
prof. dr P. Mielkowski).

MYNICKOWSKA, K., TABUT, I. *Acta Pol. pharm.* 21 no.1:75-84 '64.

Microbiological determination of pantothenol using *Streptococcus mesenteroides*. Evaluation of the method and its advantages.

Acta Pol. pharm. 21 no.1:75-84 '64.

1. 3 Zakładu Biochemii Instytutu Leków (Warszawa) (mgr J. Iwanowska).

ACC NR: AP6034789

SOURCE CODE: PO/0045/66/030/002/0283/0292

AUTHOR: Kaczmarek, E. ; Myszkowski, A. ; Trylski, J.

ORG: [Kaczmarek, Myszkowski] Institute of Physics, Polish Academy of Sciences, Warsaw (Instytut Fizyki PAN); [Trylski] Institute of Theoretical Physics, Warsaw University, Warsaw (Instytut Fizyki Teoretycznej, Uniwersytet Warszawski)

TITLE: Two-center acceptor states in germanium and silicon. III. Numerical results

SOURCE: Acta physica polonica, v. 30, no. 2, 1966, 283-292

TOPIC TAGS: germanium, silicon, acceptor, acceptor ground state, acceptor two center state, crystal hole energy level

ABSTRACT: The energy levels of holes in two-center acceptor states were calculated for germanium and silicon crystals. It is found that one can probably use spherical eigenfunctions of the acceptor ground state in calculating hopping probability only in effects dominated by acceptor pairs of large separations and large energy difference. In other cases it is necessary to use more complex

Card 1/2

ACC NR: AP6034789

one-center eigenfunctions. Orig. art. has: 10 figures, 2 tables, and 2 formulas.
[Based on authors' abstract] [DR]

SUB CODE: 20/ SUBM DATE: 19Feb66/ ORIG REF: 002/

Card 2/2

SOWA, Jan; MYSZKOWSKI, Andrzej

Calculation of the level of the masking noise on the basis of investigations on the masking of the bone conduction threshold tones. Otolaryng. Pol. 19 no.2:197-203 '65.

1. Z Oddziału Otolaryngologicznego 7 Szpitala Marynarki Wojennej w Oliwie.

MYSZKOWSKI, Andrzej, mgr inż.

Products of the Electric Heating Equipment Plant in Szczecin.
Wiad elektrotechn 32 no.5/6:164-166 My-Je '64.

MYSZKOWSKI, J.

Further conclusions from the discussion on the 5-Year Plan of the electric-apparatus industry. p. 141. PRZEGŁAD ELEKTROTECHNICZNY, Warszawa. Vol. 32, no. 4, Apr. 1956.

SOURCE:

East European Accession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956.

MYSZKOWSKI, Jerzy; ZIELINSKI, Antoni Z.; KRODKIEWSKA, Jadwiga;
DZIK, Alicja

Influence of the environment pH value on the process of
dehydrochlorination of 3-chlorobutan-2-ol. Chemia stosow
8 no.4:465-474 '64.

1. Department of Organic Chemical Technology of the Division
of Chemistry of the Technical University, Szczecin.

MYSZKOWSKI, Leonard, inż.

The inspiratory role of the Regional Committee of Cooperation of the
Central Technical Organization. Przegl techn 84 no.50:4,5 15 D '63.

1. Sekretarz Regionalnego Komitetu Porozumiewawczego Naczelnej Organi-
zacji Technicznej, Włocławek.

WIERZCHOWSKI, P.:MYSZKOWSKI, L.

Chromatographic salting out of proteins. Acta physiol. polon. 3 no.
3:334-348 1952. (CML 23:5)

1. Of the Institute of General Chemistry (Head--Prof. P. Wierschowski,
M. D.) of Warsaw Medical Academy.

MYSZKOWSKI, L.

Determination of sulphhydryl groups in protein fractions in blood sera in normal and pathologic conditions. Acta physiol. polon. 5 no.4:621-622 1954.

1. Z Zakładu Chemii Ogólnej Akademii Medycznej w Warszawie. Kierownik: prof. dr P.Wierzchowski.

(BLOOD PROTEINS,

sulphhydryl cpds. in, determ. in normal & pathol. cond.)

(SYLPHYDRYL COMPOUNDS, in blood,

proteins, determ. in normal & pathol. cond.)

MYSZKOWSKI, Leopold

WIERZCHOWSKI, Piotr; MYSZKOWSKI, Leopold

Diagrams of chromatographic desalination of blood proteins. Polskie
arch. med. wewn. 25 no.1a:217-218 1955.

1. Z Zakladu chemii ogolnej w Warszawie; kier. prof. dr. P.Wierschowski.
(BLOOD PROTEINS, determination
chromatographic diagrams of desalination)
(CHROMATOGRAPHY
of blood proteins, diagram of desalination)
(SALTS
blood proteins, diagram of chromatographic desalination)

WYSZKOWSKI, L.

Method of direct turbidimetry in studies of proteins. Acta physiol.
polon. 8 no.3:474-476 1957.

1. Z Zakładu Chemii Ogólnej w Warszawie Kierownik: prof. dr P. Wierschowski.
(PROTEINS, determination,
direct turbidimetry (Pol))

MYSZKOWSKI, L.

Photometric determination of proteins. Acta physiol. polon. 8 no.3:
476-478 1957.

1. Z Zakladu Chemii Ogolnej A. M. w Warszawie Kierownik: prof. dr
P. Wierschowski Z II Kliniki Chorob Kobietych A. M. w Warszawie
Kierownik: prof. dr I. Roszkowski.
(PROTEINS, determination,
photometry (Pol))

ROSZKOWSKI, I.; IWANSKA, J.; WYSZKOWSKI, L.

Serum proteins in third stage of labor. Gin.polska 31 no.3:
367-373 My-Je '60

1. Z II Kliniki Położnictwa i Chorob Kobietych A.M. w Warszawie
Kierownik Kliniki: prof. dr med. I. Roszkowski
(LABOR blood)
(BLOOD PROTEINS)

MYSZKOWSKI, Leopold; OPALINSKI, Pawel

Studies on anoxia. (Effect of some chemical compounds on the live organism in cases of increased oxygen requirement. Ginek. pol. no.4:481-484 '62.

1. Z II Kliniki Poloznictwa i Chorob Kobietych AM w Warszawie
Kierownik Kliniki: prof. dr med. I. Roszkowski.

(ANOXIA)	(EXERTION)	(NICOTINIC ACID)
(GLUCOSE)	(CYSTEINE)	(THIAMINE)
(FLAVIN)	(GLUTATHIONE)	(ASCORBIC ACID)

CHOJNOWSKA, Irena; MYSZKOWSKI, Leopold; ROSZKOWSKI, Ireneusz

Adaptability of serum albumins and γ -globulins from the blood of pregnant women to thermal denaturation. Ginek. Pol. 33 no.2:185-191 '62.

1. Z II Kliniki Położnictwa i Chorob Kobietych AM w Warszawie Kierownik Kliniki: prof. dr med. I. Roszkowski.

(PREGNANCY blood) (SERUM ALBUMIN in pregn)
(SERUM GLOBULIN in pregn)

CHOJNOWSKA, Irena; MYSZKOWSKI, Leopold; ROSZKOWSKI, Ireneusz

Solubility of gamma globulins of the blood serum of pregnant women
in ammonium sulfate solutions. Ginek. pol. 33 no.5:591-594 '62.

1. Z II Kliniki Położnictwa i Chorob Kobietych AM w Warszawie. Kierownik
Kliniki: prof. dr med. I. Roszkowski.
(PREGNANCY) (GAMMA GLOBULIN) (AMMONIUM COMPOUNDS)

MYSZKOWSKI, Leopold

Studies on the interrelationship between changes in the concentration of various protein fractions of the human blood serum in labor. Ginek. pol. 34 no.3:315-320 '63.

1. Z II Kliniki Położnictwa i Chorob Kobięcych AM w Warszawie
Kierownik: prof. dr med. I. Roszkowski.
(LABOR) (BLOOD PROTEINS)

CHOJNOWSKA, Irena; MYSZKOWSKI, Leopold; ROSZKOWSKI, Ireneusz

Modification of some properties of blood serum proteins in
cases of uterine myoma. Ginek. pol. 34 no.4:469-472 '63.

1. Z II Kliniki Położnictwa i Chorob Kobietych AM w Warszawie
Kierownik: prof. dr med. I. Roszkowski.

(LEIOMYOMA) (UTERINE NEOPLASMS)
(BLOOD PROTEINS)

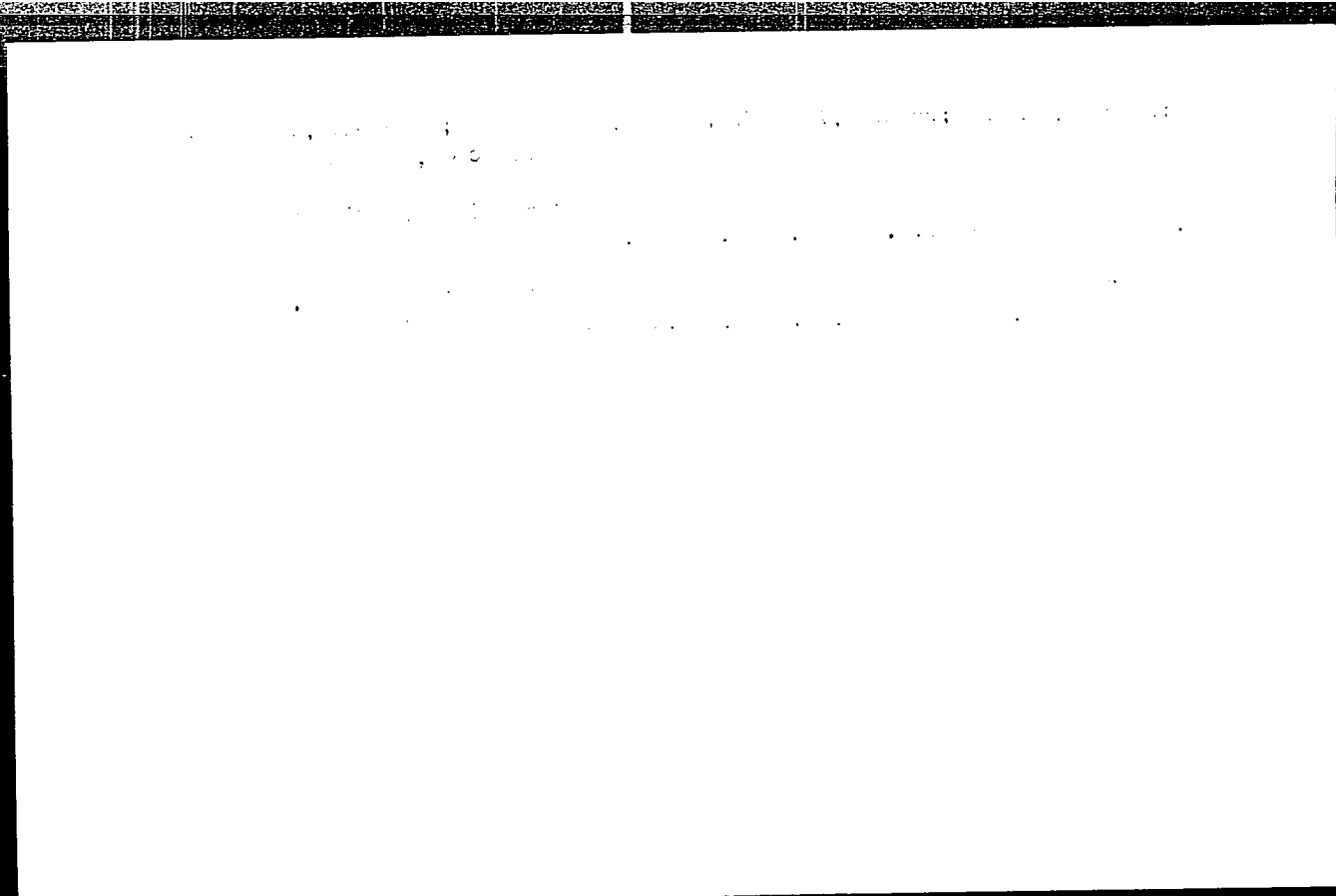
CHOJNOWSKA, Irena; CHOJNOWSKI, Mawrzyniec; WYKONALI, Irena.

Comparative studies on venous and arterial serum proteins in rabbits. Acta physiol. Pol. 15 no.4:581-586 31-Aug 1961

1. Z II Kliniki Położnictwa i Chorob Kobietych Akademii Medycznych w Warszawie i z Instytutu Antybiotyków w Warszawie (Kierownik: prof. dr. I. Roszkowski).

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R001135820020-9



APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R001135820020-9"

ROSZKOWSKI, Ireneusz; CHOJNOWSKA, Irena; IWANSKA, Janina; JANCZEWSKA,
Elzbieta; KRASSOWSKI, Tadeusz; MYSZKOWSKI, Leopold.

The content of protein and lipoprotein fractions in the blood
serum of pregnant women suspected of placental insufficiency.
Ginek. pol. 35 no.1:15-18 Ja-F'64

1. Z II Kliniki Poloznictwa i Chorob Kobietych AM w Warszawie;
kierownik: prof. dr.med. I. Roszkowski.

*

MYSTEKOWSKI, Leowici; IWANSKA, Janina

Chromatographic examination of serum lipoproteins in the 1st trimester of normal pregnancy. Ginek. pol. 3: 194-195, 1964.
Mr-Apr 1964.

1. Z II Kliniki Położnictwa i Ginekologii Akademii Medycznej w Warszawie (Kierownik: pr. f. h. med. I. P. Mystekowski).

ROSZKOWSKI, Ireneusz; OPALINSKI, Pawel; OBREBSKI, Tadeusz; MYSZKOWSKI, Leopold.

Calcium, phosphorus and magnesium content in the blood of pregnant women during the 1st trimester. Pol. tyg. lek. 19 no. 52:1996-1998 28 D'64.

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